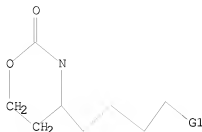


L1 STR



G1 Ak,Cy

Structure attributes must be viewed using STN Express query preparation.

=> s l1

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SAMPLE SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 229 TO 851

PROJECTED ANSWERS: 4 TO 200

L2 4 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 16:13:51 FILE 'REGISTRY'

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100.0% PROCESSED 335 ITERATIONS 81 ANSWERS
SEARCH TIME: 00.00.01

L3 81 SEA SSS FUL L1

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 16:13:55 ON 19 MAY 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 19 May 2008 VOL 148 ISS 21

FILE LAST UPDATED: 18 May 2008 (20080518/ED)

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=> s l3

L4 9 L3

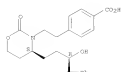
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14 ANSWER 1 OF 9 CAPLOS COPYRIGHT 2008 ACS ON STN (Continued)
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 DOCUMENT NUMBER: 144129263
 TITLE: Preparation of oxazine derivatives as Epi receptor agonists and antagonists
 INVENTOR(S): Oshikawa, Johnny Hara, Nongchai Parand, Julie A.
 PATENT ASSIGNER(S): March Frost Canada Ltd., Can.
 SOURCE: PCT Int. Appl., 54pp.
 COUNTRY: FR0002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNTRY: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NO 2007034462	A2	20070308	NO 2006-CA1294	20060728
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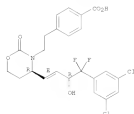
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L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



HN 924623-05-3 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

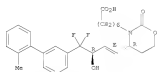


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Absolute stereochemistry.
Double bond geometry as shown.

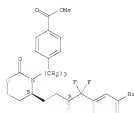
L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

Absolute stereochemistry.
Double bond geometry as shown.



HN 924623-11-0 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

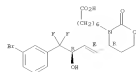
Absolute stereochemistry.



HN 924623-12-1 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

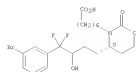
Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



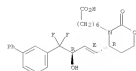
HN 924623-07-4 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

Absolute stereochemistry.



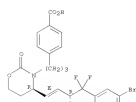
HN 924623-08-5 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



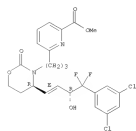
HN 924623-09-6 CAPLUS
CN Benzoic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



HN 924623-13-2 CAPLUS
CN 2-Pyridinecarboxylic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

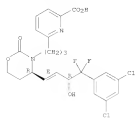
Absolute stereochemistry.
Double bond geometry as shown.



HN 924623-14-3 CAPLUS
CN 2-Pyridinecarboxylic acid, 4-[(2S)-4-[(1R,2S)-6-(7,8-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-2-yl]dihydro-2-oxo-2H-3-oxa-1,3-diazepin-2-yl]methoxy- (CA INDEX NAME)

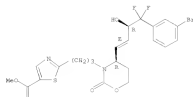
Absolute stereochemistry.
Double bond geometry as shown.

14 ANIML 1 OF 9 CAPLUS COPYRIGHT 2003 ACS on STM (Continued)



IN 924623-15-4 CASLOS
CN 5-Thiazolecarboxylic acid, 2-[3-[(4R)-4-[(1E,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-ylidene]-methyl ester (CA INDEX NAME)

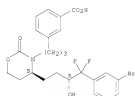
Absolute stereochemistry.
Double bond geometry as shown.



IN 924623-16-5 CAPLOS
 CN 5-Thiazolocarboxylic acid, 2-[3-(14H)-4-(13E,3R)-4-(7-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl- - ICA INDEX NAME)

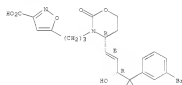
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 9 CARLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 924623-19-8 CAPLOS
 CN 3-isoxazolecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

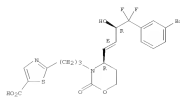
Absolute stereochemistry.
Double bond geometry as shown.



001 924628-52-4 CAPLUS
002 Cyclohexanecarboxylic acid, 4-[2-[(4R)-4-{[1E,3R)-4-{3-bromophenyl}-4,4-difluoro-2-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl}ethyl]- (CA INDEX NAME)

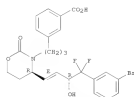
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on 5TH (Continued)



FN	924623-17-6	CAPLOS
CH	Benzoic acid, 3-[3-[[4R)-4-[[1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-but-1-yl]dihydro-2-oxo-2H-1,3-oxazin-2(4R)-yl]propyl]- (CA INDEX NAME)	

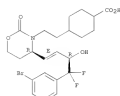
Absolute stereochemistry.
Double bond geometry as shown.



JN 924623-18-7 CAPLUS
 CN Benzoic acid, 3-[3-[(4S)-4-[(3S)-4-[3-bromophenyl]-4,4-difluoro-3-hydroxybutyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

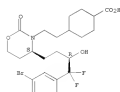
Absolute stereochemistry

1.4 ANSWER 1 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 924628-53-5 CAPLOS
 CN Cyclohexanecarboxylic acid, 4-[2-(4S)-4-(13S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxybutyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl] = (CA INDEX NAME)

Absolute stereochemistry.



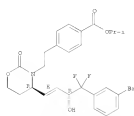
17 924622-92-4P 924622-93-5P 924622-94-6P
924622-96-8P 924622-98-0P 924623-00-7P
924623-01-8P 924623-04-1P 924623-10-9P
924623-27-8P

RE: ECT (Reactant); SYN (Synthetic Preparation); PREP (Preparation); RAC (Reactant or reagent)
[preparation of oxazine derivs. as Epi receptor agonists antiglaucoma agents]

924622-92-4 APL05
CN Benzoic acid, 4-[2-[(4R)-4-[(1E,3R)-4-(2-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-, 1-methylethyl ester (CA INDEX NAME)

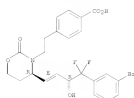
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



HN 924623-93-5 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

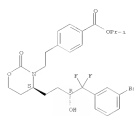
Absolute stereochemistry.
Double bond geometry as shown.



HN 924623-94-6 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

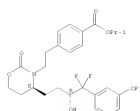
Absolute stereochemistry.

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



HN 924623-95-8 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

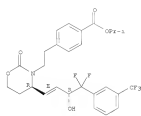
Absolute stereochemistry.



HN 924623-96-0 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

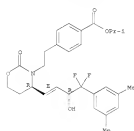
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



HN 924623-00-7 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3,5-dimethylphenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

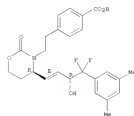
Absolute stereochemistry.
Double bond geometry as shown.



HN 924623-01-8 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3,5-dimethylphenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

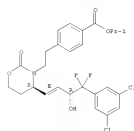
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



HN 924623-04-1 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3,5-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methylethyl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



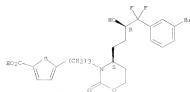
HN 924623-10-9 CAPLUS
CN Benzoic acid, 4-[(2-[(4S)-4-[(1S,2S)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]ethyl]-1-methyl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

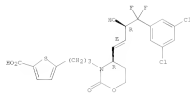
INDEX NAME

Absolute stereochemistry.



HN 924701-03-1 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(3,5-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

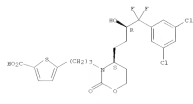
Absolute stereochemistry.
Double bond geometry as shown.



HN 924701-03-3 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(3-chlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

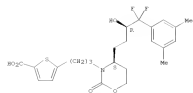
Absolute stereochemistry.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 924701-03-1 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(3,5-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

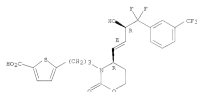
Absolute stereochemistry.



HN 924701-03-3 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(4-bromo-3-hydroxy-4-[(3-trifluoromethylphenyl)butyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl)- (CA INDEX NAME)

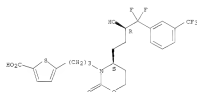
Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 924701-07-5 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(4-bromo-3-hydroxy-4-[(3-trifluoromethylphenyl)butyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl)- (CA INDEX NAME)

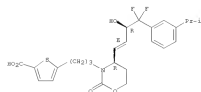
Absolute stereochemistry.



HN 924701-08-6 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(4-bromo-3-hydroxy-4-[(3-methylphenyl)butyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl)- (CA INDEX NAME)

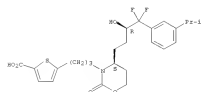
Absolute stereochemistry.
Double bond geometry as shown.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 924701-08-7 CAPLUS
CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3R)-4-(4-bromo-3-hydroxy-4-[(1-methylphenyl)butyl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl)- (CA INDEX NAME)

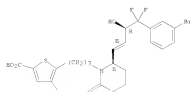
Absolute stereochemistry.



HN 924701-11-1 CAPLUS
CN 2-Thiophenecarboxylic acid, 4-bromo-5-[3-[(4R)-4-[(1E,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

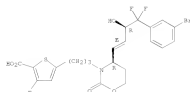
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 924701-12-3 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4S)-4-[(1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-3-fluoro- (CA INDEX NAME)

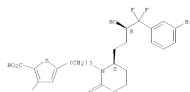
Absolute stereochemistry.
 Double bond geometry as shown.



IN 924701-13-3 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4S)-4-[(1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-3-fluoro- (CA INDEX NAME)

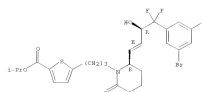
Absolute stereochemistry.

14 ANSWER 2 OF 9 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 924701-15-5 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4R)-4-[(1R,3R)-4-(3-bromo-5-iodophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

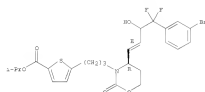
Absolute stereochemistry.
 Double bond geometry as shown.



IN 924701-37-1 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4S)-4-[(1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

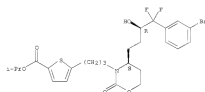
Absolute stereochemistry.
 Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IN 924701-38-2 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4S)-4-[(1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

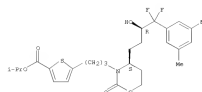
Absolute stereochemistry.



IN 924701-39-3 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4S)-4-[(1R,3R)-4-(3,5-dimethylphenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

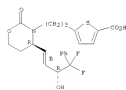
14 ANSWER 2 OF 9 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



IT 768400-29-9 924300-97-0P 924300-99-2P
 924301-01-9P 924301-02-0P 924301-04-2P
 924301-06-4P 924301-10-0P 924301-21-3P
 RI: RCT (Reactant); RPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 Preparation of oxazine deriv. as EP4 receptor agonists and antagonists

IN 768400-29-9 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4R)-4-[(1R,3R)-4,4-difluoro-3-hydroxy-4-phenyl-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

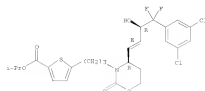
Absolute stereochemistry.
 Double bond geometry as shown.



IN 924700-97-0 CAPLOS
 CH 2-(3-bromophenyl)acetic acid, 5-[3-[(4R)-4-[(1R,3R)-4-[(3,5-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-methyl-2-oxo-2H-1,3-oxazin-3-yl]propyl]-1-methylethyl ester (CA INDEX NAME)

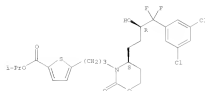
Absolute stereochemistry.
 Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



20 914702-99-2 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R)-4-(2,5-dichlorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

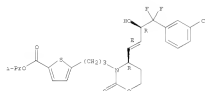
Absolute stereochemistry.



20 914703-01-3 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R,3R)-4-(2,5-dimethylphenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

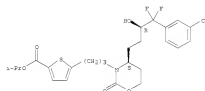
Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



20 914701-04-4 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R)-4-(2,5-difluorophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

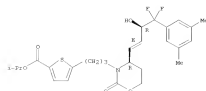
Absolute stereochemistry.



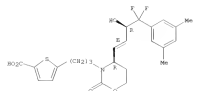
20 914701-10-0 CAPLUS
 CN 2-Thiophenecarboxylic acid, 6-bromo-5-[3-[(4R)-4-[(1R,3R)-4-(3-bromophenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



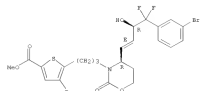
20 914701-02-0 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R,3R)-4-(2,5-dimethylphenyl)-4,4-difluoro-3-hydroxy-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

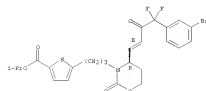
20 914701-04-0 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R,3R)-4,4-difluoro-3-hydroxy-4-[3-(trifluoromethyl)phenyl]-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

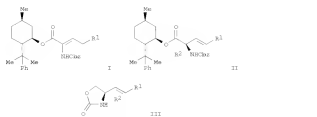


20 914701-11-3 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1R)-4-(2-bromophenyl)-4,4-difluoro-3-oxo-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4H)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

14 ANNEX 3 OF 3
 ACCESSION NUMBER: 1461155515 CAPLUS
 DOCUMENT NUMBER: 1461155515
 TITLE: Efficient Asymmetric Synthesis of Quaternary α -Hydroxyketones by Regioselective Alkylation of Dehydroamino Acids
 AUTHOR(S): Jones, Matthew C.; Maraden, Stephen P.; Subtil, David
 M. M. Weiss
 SCHOOL OF CHEMISTRY, UNIVERSITY OF LEWIS, LEWIS, 126
 SOURCE: Organic Letters (2006), 8(24), 5509-5512
 KEYWORDS: 1557-0665
 AMERICAN CHEMICAL SOCIETY
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 146:100593



AS A two-step protocol for the azyan. synthesis of protected quaternary
 12 vinylglycines (from simple aldehydes is reported. The key step is a
 highly efficient decarboxylative cross-coupling reaction between
 such that the target compounds are produced as single geometric isomers with
 diastereoselectivity. For example, decarboxylation acid 1 (R1, R2, R3, R4,
 CbzR5) are allylated in presence of LiAlH_4 in THF to give
 vinylglycines 2.
 12 $\text{R}^1 = \text{H}$, $\text{R}^2 = \text{Me}$, $\text{R}^3 = \text{C}_2\text{H}_5$, $\text{R}^4 = \text{CH}_2\text{CH}_2\text{CH}_3$, $\text{R}^5 = \text{C}_6\text{H}_5$ in yields
 23% with 92-94% diastereomeric excess. It can be converted to
 quaternary amino alcohols, oxazolidinones 17, by
 chemoselective reduction
 12 92/63-84/42
 12 $\text{R}^1 = \text{H}$ (Synthetic preparation); $\text{R}^2 = \text{R}^3 = \text{R}^4 = \text{R}^5 = \text{H}$ (Preparation)
 also alcohols. azyan. preparation of quaternary vinylglycines by deconjugative

LA NUMBER 4 OF 9 CAPLUS COPYRIGHT 2008 ACS ON STN
 ACCESSION NUMBER: 2006.114566 CAPLUS
 DOCUMENT NUMBER: 1441592030
 TITLE: Preparation of prostaglandin analogs as antiangioma
 agents
 INVENTOR(S): Old, David W.; Binh, Danny T.
 PATENT ASSIGNEE(S): Allergan, Inc., USA
 SOURCE: PCT Int. Appl., 43 pp.
 COUNTRY: P14X3D
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

[illegible]

OTHER SOURCE(S): MARPAT 144:192030
GI

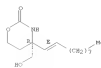


All Compds of formula I [A = (CH₂)₆, cis-CH₂CH=CH(CH₂)₃,
 CH₂C≡C(CH₂)₃;
 Z = 0, 8, (substituted) NR; X = CO₂H, (substituted) CONH₂, etc.; J = CO,

Habte

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
of dehydroamino acids)
EN 917603-84-Q CAPLUS
CN 2H-3,3-Oxazin-2-one, 4-(1E)-1-decen-2-yltetrahydro-4-(hydroxymethyl)-,
(4R)- (CA INDEX NAME)

Absolute stereochemistry. Notation (+).
Double bond geometry as shown.

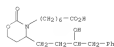


REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
SUMMARY

14 ANSWER 4 OF 9 CAPLOS COPYRIGHT 2000 ACS ON STN (Continued)
CHOR; R = alkyl, cycloalkyl, Ph, naphthyl or a pharmaceutically
acceptable salt or a prodrug thereof is disclosed herein. These compds.
are useful for treating glaucoma or ocular hypertension.

17 875334-81-IDF, derivs.
 EL: PAC (Pharmacological activity); SYN (Synthetic preparation);
 (Therapeutic use); BIOL (Biological study); PREP (Preparation);
 (Uses)

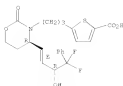
RXN 075314-01-1 CAPLUS
 CN 28-1,3-Oxazine-3(4H)-heptanoic acid,
 dihydro-4-(3-hydroxy-4-phenylbutyl)-2-
 oxo- (CA INDEX NAME)



REFERENCE COURT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

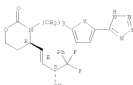
14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 30 768400-29-3 CAPLUS
 CN 2-Thiophenecarboxylic acid,
 5-[[1-(4R)-4-[(1R,2R)-4,4-difluoro-3-hydroxy-4-
 phenyl-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]- (CA
 INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



30 768400-32-4 CAPLUS
 CN 2E-3,3-Oxazin-2-one,
 4-[[1-(4R)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-
 yl]ethyl]tetrahydro-3-[3-[[3-(2R-tetrazol-5-yl)-2-thienyl]propyl]-, (4R)- (CA
 INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



30 768400-31-7 CAPLUS
 CN 2E-3,3-Oxazin-2-one, 4-[[1-(4R)-4,4-difluoro-3-hydroxy-4-
 phenylbutyl]tetrahydro-3-[3-[[3-(2R-tetrazol-5-yl)-2-thienyl]propyl]-,
 (4R)- (CA INDEX NAME)

Absolute stereochemistry.

14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



30 866465-55-6 CAPLUS
 CN 5-Septenoic acid, 7-[[1-(4R)-4-[(1R,2R)-4,4-difluoro-3-hydroxy-4-
 phenylbutyl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]-, (5R)-rel- (CA INDEX
 NAME)

Relative stereochemistry.
 Double bond geometry as shown.

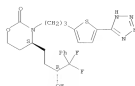


30 768400-29-3P
 RL NCT (Reactant); SPN [Synthetic preparation]; PREP (Preparation); NACT
 (Reactant or reagent)
 preparation of disubstituted piperidones, oxazinones,
 thiazolones,
 and neopholones as EP4 receptor agonists for treatment of ocular and
 bone diseases)

30 768400-09-3 CAPLUS
 CN 2E-3,3-Oxazin-3(4R)-heptanoic acid,
 4-[[1-(4R)-4,4-difluoro-3-oxo-4-phenyl-1-
 buten-1-yl]dihydro-2-oxo-, 3-methylbutyl ester, (4R)- (CA INDEX NAME)

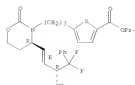
Absolute stereochemistry.
 Double bond geometry as shown.

14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



30 768400-40-4 CAPLUS
 CN 2-Thiophenecarboxylic acid,
 5-[[1-(4R)-4-[(1R,2R)-4,4-difluoro-3-hydroxy-4-
 phenyl-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]-,
 1-methylbutyl ester (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

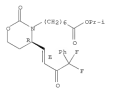


30 866465-52-3 CAPLUS
 CN 5-Septenoic acid, 7-[[1-(4R)-4-[(1R,2R)-4,4-difluoro-3-hydroxy-4-phenyl-1-
 buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]-, (5R)-rel- (CA INDEX
 NAME)

Relative stereochemistry.
 Double bond geometry as shown.

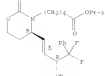


14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



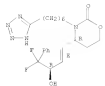
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 768400-21-1 CAPLUS
 CN 28-1,3-oxazin-2-one, 4-[(1E,3E)-4,4-difluoro-3-hydroxy-6-phenyl-1-buten-1-yl]tetrahydro-3-[5-(2R-tetraol-5-yl)]heptyl-, (4R)- (CA INDEX NAME)

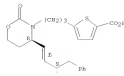
Absolute stereochemistry.
 Double bond geometry as shown.



XX 768400-26-6 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-dihydro-4-[(1E,3E)-3-hydroxy-4-phenyl-1-buten-1-yl]-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]- (CA INDEX NAME)

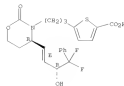
Absolute stereochemistry.
 Double bond geometry as shown.

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 768400-29-3 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-dihydro-4-[(1E,3E)-3-hydroxy-4-phenyl-1-buten-1-yl]-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]- (CA INDEX NAME)

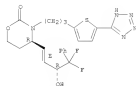
Absolute stereochemistry.
 Double bond geometry as shown.



XX 768400-30-3 CAPLUS
 CN 28-1,3-oxazin-2-one, 4-[(1E,3E)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-yl]tetrahydro-3-[3-5-(2R-tetraol-5-yl)-2-thienyl]propyl-, (4R)- (CA INDEX NAME)

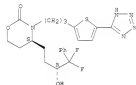
Absolute stereochemistry.
 Double bond geometry as shown.

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



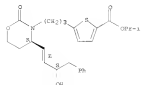
XX 768400-35-7 CAPLUS
 CN 28-1,3-oxazin-2-one, 4-[(1E,3E)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-yl]-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl-, (4R)- (CA INDEX NAME)

Absolute stereochemistry.



XX 768400-37-9 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-dihydro-4-[(1E,3E)-3-hydroxy-4-phenyl-1-buten-1-yl]-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

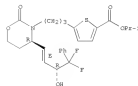
Absolute stereochemistry.
 Double bond geometry as shown.



L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

XX 768400-42-4 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[3-[(4R)-4-[(1E,3E)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]propyl]-, 1-methylethyl ester (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



XX 768400-43-7 CAPLUS
 CN 5-Septenoic acid, 7-[[(4R)-4-[(1E,3E)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]-, (5E)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



XX 768400-46-8 CAPLUS
 CN 5-Septenoic acid, 7-[[(4R)-4-[(1E,3E)-4,4-difluoro-3-hydroxy-4-phenyl-1-buten-1-yl]dihydro-2-oxo-2H-1,3-oxazin-3(4R)-yl]-, (5E)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

LA NUMBER 9 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1974:14882 CAPLUS
 DOCUMENT NUMBER: 86:14882
 ORIGINAL REFERENCE NO.: 85:24974,25024
 TITLE: Cyclization of azidoformates
 AUTHOR(S): Breslow, David S.; Maid, George A.
 CORPORATE SOURCE: Res. Cent., Hercules Inc., Wilmington, DE, USA
 SOURCE: Journal of Organic Chemistry (1973), 38(24), 4285-6
 CODING: JOCWAS; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The previously unidentified product (Breslow, D. S., et al., 1967) formed
 in the thermal decomposition of octadecyl azidoformate is 6-
 pentadecyltetrahydro-2H-1,3-oxazin-2-one. Thus
 octadecylazidoformylsilene "Bach salts" to give both a five-membered and
 a six-membered ring compound. The compound reported previously as
 4-methyltetrahydro-2H-1,3-oxazin-2-one is the 6-methyl derivative
 42502-88-0P
 IT 24: 88 (Synthetic preparation); FRAP (Preparation)
 (preparation of)
 42502-88-0 CAPLUS
 CH 2E-1,3-oxazin-2-one, tetrahydro-4-pentadecyl- (CA INDEX NAME)

